Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

EMB

"FIRST AND FINAL BILL

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

PRE-MEASUREMENT SHEETS

"FIRST AND FINAL BILL

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 6-02-23

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
1	Removing and resetting of footpath slab (From Approved Arrival Rates)						
	Ward No-01						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	LHS						
	CH:0.00m to 22.00m	1	17.00	0.90		15.30	
	CH:22.00m to 27.80m	1	5.80	0.90		5.22	
	CH:27.80m to 32.20m	1	2.40	0.90		2.16	
	CH:32.20m to 55.30m	1	15.10	0.90		13.59	
	CH:55.30m to 58.80m	1	3.50	0.90		3.15	
	CH:58.80m to 85.80m	1	20.00	0.90		18.00	
	CH:85.80m to 95.70m GAP	1	9.90				
	CH:95.70m to 125.70m	1	18.00	0.90		16.20	
	CH:125.70m to 136.30m	1	4.60	0.90		4.14	
	CH:136.30m to 141.10m Rd Gap	1	4.80				
	CH:141.10m to 150.60m	1	3.50	0.90		3.15	
	CH:150.60m to 157.30m	1	6.70	0.90		6.03	
	CH:157.30m to 159.80m	1	1.50	0.90		1.35	
	CH:159.80m to 173.10m	1	7.30	0.90		6.57	
	CH:173.10m to 179.40m	1	6.30	0.90		5.67	
	CH:179.40m to 185.60m Gap	1	6.20				
	CH:185.60m to 215.60m	1	18.00	0.90		16.20	
	RHS From Dead End						
	CH:0.00m to 15.00m	1	6.00	0.90		5.40	
	CH:15.00m to 18.00m	1	3.00	0.90		2.70	
	CH:18.00m to 48.00m	1	18.00	0.90		16.20	
	CH:48.00m to 50.50m	1	2.50				
	CH:50.50m to 58.50m	1	5.00	0.90		4.50	
	CH:58.50m to 71.70m	1	13.20	0.90		11.88	
	CH:71.70m to 80.40m	1	4.70	0.90		4.23	
	CH:80.40m to 84.90m	1	4.50				
	CH:84.90m to 114.90m	1	20.00	0.90		18.00	
	CH:114.90m to 129.50m	1	5.60	0.90		5.04	
	CH:129.50m to 133.50m	1	4.00	0.90		3.60	
	CH:133.50m to 163.50m	1	18.00	0.90		16.20	
	CH:163.50m to 172.30m	1	5.80	0.90		5.22	
	1st A Main Rd						
	LHS From End						

C&P'd

Ramajeevith A.E.E

K. Sankar Reddy
Contractor

Asst. Engineer

Ramarajeevith
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst Exec Engineer

	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
	CH:0.00m to 0.80m	1	0.80	0.90		0.72	
	CH:0.80m to 5.80m gap	1	5.00				
	CH:5.80m to 35.80m	1	24.00	0.90		21.60	
	CH:35.80m to 42.80m	1	5.00	0.90		4.50	
	CH:42.80m to 52.00m	1	4.00	0.90		3.60	
	CH:52.00m to 69.60m	1	11.60	0.90		10.44	
	CH:69.60m to 79.40m gap	1	0.00				
	CH:79.40m to 96.30m	1	9.90	0.90		8.91	
	Rd Gap						
	CH:96.30m to 121.50m	1	19.20	0.90		17.28	
	Rd Gap						
	CH:121.50m to 151.50m	1	20.00	0.90		18.00	
	RHS From End						
	CH:0.00m to 0.80m	1	7.30	0.90		6.57	
	CH:0.80m to 18.50m Gap	1	9.20				
	CH:18.50m to 36.75m	1	12.25	0.90		11.03	
	CH:36.75m to 39.25m	1	2.00	0.90		1.80	
	CH:39.25m to 52.35m	1	10.10	0.90		9.09	
	CH:52.35m to 55.25m	1	2.30	0.90		2.07	
	CH:55.25m to 64.25m	1	4.00	0.90		3.60	
	CH:64.25m to 68.95m	1	2.00	0.90		1.80	
	CH:68.95m to 79.65m	1	5.70	0.90		5.13	
	CH:79.65m to 88.35m	1	4.70	0.90		4.23	
					Present Qty	**340.07**	**sqm**

C&R

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divisor
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 8-02-23

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Volume 1, Loading & Unloading Rs-118						
	Ward No-01						
	For Drain Desilt						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	LHS						
	CH:0.00m to 22.00m	1	22.00	0.60	0.36	4.75	
	CH:22.00m to 27.80m	1	5.80	0.60	0.40	1.39	
	CH:27.80m to 32.20m	1	4.40	0.60	0.45	1.19	
	CH:32.20m to 55.30m	1	23.10	0.60	0.45	6.24	
	CH:55.30m to 58.80m	1	3.50				
	CH:58.80m to 85.80m	1	27.00	0.60	0.40	6.48	
	CH:85.80m to 95.70m GAP	1	9.90				
	CH:95.70m to 125.70m	1	30.00	0.60	0.45	8.10	
	CH:125.70m to 136.30m	1	10.60	0.60	0.30	1.91	
	CH:136.30m to 141.10m Rd Gap	1	4.80				
	CH:141.10m to 150.60m	1	9.50	0.60	0.30	1.71	
	CH:150.60m to 157.30m	1	6.70	0.60	0.35	1.41	
	CH:157.30m to 159.80m	1	2.50	0.60	0.30	0.45	
	CH:159.80m to 173.10m	1	13.30	0.60	0.35	2.79	
	CH:173.10m to 179.40m	1	6.30	0.60	0.30	1.13	
	CH:179.40m to 185.60m Gap	1	6.20				
	CH:185.60m to 215.60m	1	30.00	0.60	0.30	5.40	
	RHS From Dead End						
	CH:0.00m to 15.00m	1	15.00	0.60	0.30	2.70	
	CH:15.00m to 18.00m	1	3.00	0.60	0.35	0.63	
	CH:18.00m to 48.00m	1	30.00	0.60	0.30	5.40	
	CH:48.00m to 50.50m	1	2.50				
	CH:50.50m to 58.50m	1	8.00	0.60	0.50	2.40	
	CH:58.50m to 71.70m	1	13.20	0.60	0.55	4.36	
	CH:71.70m to 80.40m	1	8.70	0.60	0.55	2.87	
	CH:80.40m to 84.90m	1	4.50				

Checked

A.E.E

K. Sankar Reddy
Contractor

Asst. Engineer

Ramasanjeevaiah
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Asst. Exec. Engineer

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
CH:84.90m to 114.90m	1	30.00	0.60	0.30	5.40	
CH:114.90m to 129.50m	1	14.60	0.60	0.40	3.50	
CH:129.50m to 133.50m	1	4.00	0.60	0.35	0.84	
CH:133.50m to 163.50m	1	30.00	0.60	0.30	5.40	
CH:163.50m to 172.30m	1	8.80	0.60	0.25	1.32	
Upto Turning						
CH:172.30m to 184.80m Gap	1	12.50				
CH:184.80m to 196.80m	1	12.00	0.60	0.40	2.88	
1st A Main Rd						
LHS From End						
CH:0.00m to 0.80m	1	0.80	0.60	0.35	0.17	
CH:0.80m to 5.80m gap	1	5.00				
CH:5.80m to 35.80m	1	30.00	0.60	0.35	6.30	
CH:35.80m to 42.80m	1	7.00	0.60	0.35	1.47	
CH:42.80m to 52.00m	1	9.20	0.60	0.40	2.21	
CH:52.00m to 69.60m	1	17.60	0.60	0.40	4.22	
CH:69.60m to 79.40m gap	1	9.80				
CH:79.40m to 96.30m	1	16.90	0.60	0.30	3.04	
Rd Gap						
CH:96.30m to 121.50m	1	25.20	0.60	0.40	6.05	
RHS From End						
CH:0.00m to 0.80m	1	9.30	0.60	0.40	2.23	
CH:0.80m to 18.50m Gap	1	9.20				
CH:18.50m to 36.75m	1	18.25	0.60	0.30	3.29	
CH:36.75m to 39.25m	1	2.50	0.60	0.35	0.53	
CH:39.25m to 52.35m	1	13.10	0.60	0.30	2.36	
CH:52.35m to 55.25m	1	2.90	0.60	0.35	0.61	
CH:55.25m to 64.25m	1	9.00	0.60	0.30	1.62	
CH:64.25m to 68.95m	1	4.70	0.60	0.40	1.13	
CH:68.95m to 79.65m	1	10.70	0.60	0.30	1.93	
CH:79.65m to 88.35m	1	8.70	0.60	0.40	2.09	
Road Gap						
CH:88.35m to 103.75m	1	15.40	0.60	0.40	3.70	
CH:103.75m to 105.05m	1	1.30	0.60	0.50	0.39	
CH:105.05m to 113.05m	1	8.00	0.60	0.37	1.77	
For Rcc Drain						
Ward No-01						
Srinivasapura						
Manjunath Traders Rd						
LHS From 1st Main Rd						
CH:0.00m to 5.30m	1	5.30	1.10	0.90	5.25	
CH:5.30m to 10.90m	1	5.60	1.10	0.90	5.54	
CH:10.90m to 20.90m	1	10.00	1.10	0.90	9.90	
CH:20.90m to 22.90m	1	2.00	1.10	0.90	1.98	

ractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
CH:22.90m to 29.40m	1	6.50	1.10	0.90	6.44	
CH:29.40m to 32.70m	1	3.30	1.10	0.90	3.27	
SWD Road						
LHS						
CH:0.00m to 16.30m	1	16.30	1.10	0.90	16.14	
RHS						
CH:0.00m to 12.20m	1	7.00	1.10	0.90	6.93	
1st Cross Rd						
RHS						
CH:0.00m to 30.00m	1	30.00	1.10	0.90	29.70	
CH:30.00m to 49.70m	1	19.70	1.10	0.90	19.50	
2nd Cross Rd						
RHS From 1st Main Rd						
CH:0.00m to 20.50m	1	20.50	1.10	0.90	20.30	
CH:20.50m to 25.70m SWD Gap'	1	5.20				
CH:25.70m to 30.40m	1	4.70	0.65	0.90	2.75	
CH:30.40m to 37.80m	1	7.40	0.65	0.90	4.33	
CH:37.80m to 49.30m	1	11.50	0.65	0.90	6.73	
CH:49.30m to 60.80m	1	11.50	0.65	0.90	6.73	
CH:60.80m to 67.10m	1	6.30	0.65	0.90	3.69	
				Present Qty	**274.89**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 12-02-23 28-02-23

Item No	Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded								
	For Rcc Drain								
	Ward No-01								
	Srinivasapura								
	Manjunath Traders Rd								
	LHS From 1st Main Rd								
	CH:0.00m to 5.30m	1	5.30			1.10	0.15	0.87	
	CH:5.30m to 10.90m	1	5.60			1.10	0.15	0.92	
	CH:10.90m to 20.90m	1	10.00			1.10	0.15	1.65	
	CH:20.90m to 22.90m	1	2.00			1.10	0.15	0.33	
	CH:22.90m to 29.40m	1	6.50			1.10	0.15	1.07	
	CH:29.40m to 32.70m	1	3.30			1.10	0.15	0.54	
	SWD Road								
	LHS								
	CH:0.00m to 16.30m	1	16.30			1.10	0.15	2.69	
	RHS								
	CH:0.00m to 12.20m	1	7.00			1.10	0.15	1.16	
	1st Cross Rd								
	RHS								
	CH:0.00m to 30.00m	1	30.00			1.10	0.15	4.95	
	CH:30.00m to 49.70m	1	19.70			1.10	0.15	3.25	
	2nd Cross Rd								
	RHS From 1st Main Rd								
	CH:0.00m to 20.50m	1	20.50			1.10	0.15	3.38	
	CH:20.50m to 25.70m SWD G	1	5.20						
	CH:25.70m to 30.40m	1	4.70			0.65	0.15	0.46	
	CH:30.40m to 37.80m	1	7.40			0.65	0.15	0.72	
	CH:37.80m to 49.30m	1	11.50			0.65	0.15	1.12	
	CH:49.30m to 60.80m	1	11.50			0.65	0.15	1.12	
	CH:60.80m to 67.10m	1	6.30			0.65	0.15	0.61	
	Ward No-01								
	For C.C Road								

Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bengaluru

Asst. Exec. Engineer

Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
Srinivasapura								
Kere Kodi Road								
Ch:0.00m to 10.00m	1	10.00	4.50	+	3.20	0.12	4.62	
			2					
Ch:10.00m to 20.00m	1	10.00	3.20	+	2.70	0.12	3.54	
			2					
Ch:20.00m to 22.50m	1	2.50	2.70	+	3.00	0.15	1.07	
			2					
Ch:22.50m to 32.00m	1	9.50	3.00	+	4.10	0.15	5.06	
			2					
1st Main Road								
Ch:0.00m to 6.20m	1	6.20	3.80	+	4.00	0.15	3.63	
			2					
Ch:6.20m to 16.20m	1	10.00	4.00	+	4.00	0.12	4.80	
			2					
Ch:16.20m to 26.20m	1	10.00	4.00	+	3.90	0.12	4.74	
			2					
Ch:26.20m to 36.20m	1	10.00	3.90	+	4.10	0.12	4.80	
			2					
Ch:36.20m to 46.20m	1	10.00	4.10	+	3.70	0.12	4.68	
			2					
Ch:46.20m to 56.20m	1	10.00	3.70	+	3.90	0.12	4.56	
			2					
Ch:56.20m to 66.20m	1	10.00	3.90	+	4.40	0.12	4.98	
			2					
Ch:66.20m to 72.80m	1	6.60	4.40	+	4.40	0.15	4.36	
			2					
Ch:72.80m to 87.80m	1	15.00	5.30	+	5.40	0.12	9.63	
			2					
Ch:87.80m to 102.80m	1	15.00	5.40	+	5.50	0.12	9.81	
			2					
Ch:102.80m to 117.80m	1	15.00	5.50	+	5.40	0.12	9.81	
			2					
Ch:117.80m to 132.80m	1	15.00	5.40	+	5.20	0.12	9.54	
			2					
Ch:132.80m to 147.80m	1	15.00	5.20	+	5.80	0.12	9.90	
			2					
Ch:147.80m to 161.80m	1	14.00	5.80	+	5.60	0.12	9.58	
			2					
Deduct	-1	1.10	2.50	+	2.50	0.12	-0.33	
			2					
SWD Road								
Ch:0.00m to 22.30m	1	22.30	6.50	+	6.60	0.15	21.91	
			2					

C & Pe

A.E.E

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)

Discription of Item	No	Length	B1	B2	A.Breadth	Depth	Qty	Unit
Manjunatha Traders Rd								
Ch:10.00m to 13.00m	1	13.00	5.20	+	4.95	0.12	7.92	
			2					
Ch:13.00m to 21.50m	1	8.50	4.90	+	5.30	0.12	5.20	
			2					
Ch:21.50m to 32.70m	1	11.20	4.50	+	4.05	0.12	5.75	
			2					
Deduct Step	-1	2.50	1.15	+	1.15	0.12	-0.35	
			2					
Deduct Step	-1	2.30	0.45	+	0.45	0.12	-0.12	
			2					
1st Cross rd								
Ch:10.00m to 2.50m	1	2.50	4.70	+	4.70	0.15	1.76	
			2					
Ch:2.50m to 17.50m	1	15.00	4.90	+	4.70	0.12	8.64	
			2					
Ch:17.50m to 31.10m	1	13.60	4.70	+	4.25	0.12	7.30	
			2					
Ch:31.10m to 36.70m	1	5.60	3.00	+	3.20	0.15	2.60	
			2					
Ch:36.70m to 39.50m	1	2.80	2.90	+	2.90	0.12	0.97	
			2					
Ch:39.50m to 49.70m	1	10.20	3.60	+	3.60	0.12	4.41	
			2					
2nd Cross Rd								
Ch:0.00m to 15.00m	1	15.00	5.00	+	5.20	0.12	9.18	
			2					
Ch:15.00m to 21.20m	1	6.20	5.20	+	5.30	0.15	4.84	
			2					
Ch:21.20m to 25.80m SWD	1	4.60	6.60	+	6.60	0.12	3.64	
			2					
Ch:25.80m to 26.90m	1	1.10	4.00	+	4.00	0.15	0.64	
			2					
Ch:26.90m to 36.90m	1	10.00	5.00	+	5.00	0.12	6.00	
			2					
Ch:36.90m to 51.90m	1	15.00	4.50	+	3.85	0.12	7.52	
			2					
Ch:51.90m to 67.50m	1	15.60	3.85	+	3.60	0.12	6.97	
			2					
						Present Qty	**238.41**	**Cum**

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 15-02-23, 15-02-23

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
4	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200							
	Ward No-01							
	RCC Drain							
	Srinivasapura							
	Manjunath Traders Rd							
	LHS From 1st Main Rd							
	Total Drain Length=32.70m							
	Main Bar 10mm dia @130mm c/c							
	d=0.61kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=251		251	2.10		0.61	321.53	
	No of distrubution Bars=14		14	32.70		0.61	279.26	
	SWD Road							
	LHS							
	Total Drain Length=16.3m							
	Main Bar 10mm dia @130mm c/c							
	d=0.61kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=125		125	2.10		0.61	160.13	
	No of distrubution Bars=14		14	16.30		0.61	139.20	
	RHS							
	Total Drain Length=7.00m							
	Main Bar 10mm dia @130mm c/c							
	d=0.61kg/m							
	Distrubution Bar 10mm dia @150mm c/c							
	d=0.61kg/m							
	No of U Bars=53		53	2.10		0.61	67.89	
	No of distrubution Bars=14		14	7.00		0.61	59.78	
	1st Cross Rd							
	RHS							
	Total Drain Length=49.7m							
	Main Bar 10mm dia @130mm c/c							
	d=0.61kg/m							

A.E

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer

Discription of Item		No	Length	Breadth	Depth	Qty	Unit
Distrubution Bar 10mm dia @150mm c/c							
d=0.61kg/m							
No of U Bars=382		382	2.05		0.61	477.69	
No of distrubution Bars=14		14	49.70		0.61	424.44	
2nd Cross Rd							
RHS From 1st Main Rd							
Total Drain Length=61.9m							
Main Bar 10mm dia @130mm c/c							
d=0.61kg/m							
Distrubution Bar 10mm dia @150mm c/c							
d=0.61kg/m							
No of U Bars=476		476	2.00		0.61	580.72	
No of distrubution Bars=14		14	61.90		0.61	528.63	
						3039.26	
					Present Qty	**3.04**	**Tn**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 20-02-23

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M20 Design Mix Using 20 mm nominal size graded crushed coarse aggregates						
	For Rcc Drain Raft						
	Ward No-01						
	Srinivasapura						
	Manjunath Traders Rd						
	LHS From 1st Main Rd						
	CH:0.00m to 5.30m	1	5.30	0.90	0.15	0.72	
	CH:5.30m to 10.90m	1	5.60	0.90	0.15	0.76	
	CH:10.90m to 20.90m	1	10.00	0.90	0.15	1.35	
	CH:20.90m to 22.90m	1	2.00	0.90	0.15	0.27	
	CH:22.90m to 29.40m	1	6.50	0.90	0.15	0.88	
	CH:29.40m to 32.70m	1	3.30	0.90	0.15	0.45	
	SWD Road						
	LHS						
	CH:0.00m to 16.30m	1	16.30	0.90	0.15	2.20	
	RHS						
	CH:0.00m to 12.20m	1	7.00	0.90	0.15	0.95	
	1st Cross Rd						
	RHS						
	CH:0.00m to 30.00m	1	30.00	0.90	0.15	4.05	
	CH:30.00m to 49.70m	1	19.70	0.90	0.15	2.66	
	2nd Cross Rd						
	RHS From 1st Main Rd						
	CH:0.00m to 20.50m	1	20.50	0.90	0.15	2.77	
	CH:20.50m to 25.70m SWD Gap'	1	5.20				
	CH:25.70m to 30.40m	1	4.70	0.60	0.15	0.42	
	CH:30.40m to 37.80m	1	7.40	0.60	0.15	0.67	
	CH:37.80m to 49.30m	1	11.50	0.60	0.15	1.04	
	CH:49.30m to 60.80m	1	11.50	0.60	0.15	1.04	

A.E.E

K. Sawkar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
CH:60.80m to 67.10m	1	6.30	0.60	0.15	0.57	
RCC Drain Wall						
Ward No-01						
Srinivasapura						
Manjunath Traders Rd						
LHS From 1st Main Rd						
CH:0.00m to 5.30m	2	5.30	0.15	0.60	0.95	
CH:5.30m to 10.90m	2	5.60	0.15	0.60	1.01	
CH:10.90m to 20.90m	2	10.00	0.15	0.60	1.80	
CH:20.90m to 22.90m	2	2.00	0.15	0.60	0.36	
CH:22.90m to 29.40m	2	6.50	0.15	0.60	1.17	
CH:29.40m to 32.70m	2	3.30	0.15	0.50	0.50	
SWD Road						
LHS						
CH:0.00m to 16.30m	2	16.30	0.15	0.59	2.89	
RHS						
CH:0.00m to 12.20m	2	7.00	0.15	0.55	1.16	
1st Cross Rd						
RHS						
CH:0.00m to 30.00m	2	30.00	0.15	0.60	5.40	
CH:30.00m to 49.70m	2	19.70	0.15	0.60	3.55	
2nd Cross Rd						
RHS From 1st Main Rd						
CH:0.00m to 20.50m	2	20.50	0.15	0.60	3.69	
CH:20.50m to 25.70m SWD Gap'	2	5.20				
CH:25.70m to 30.40m	2	4.70	0.15	0.60	0.85	
CH:30.40m to 37.80m	2	7.40	0.15	0.60	1.33	
CH:37.80m to 49.30m	2	11.50	0.15	0.60	2.07	
CH:49.30m to 60.80m	2	11.50	0.15	0.60	2.07	
CH:60.80m to 67.10m	2	6.30	0.15	0.60	1.13	
				Present Qty	**50.68**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

A.E.E

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 20-02-23 20-02-23

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
7	Providing and laying in position plain Cement Concrete for levelling curse for all works in foundation, The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, usage charges of lmachineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates (V-I, No-2.1.4,9.No-15 of PWD SR 2021-22) (Issure rate on 07-04-22)						
	Ward No-01						
	For Kerb Stone						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	RHS						
	CH:0.00m to 22.00m	1	22.00	0.20	0.10	0.44	
	CH:22.00m to 27.80m	1	5.80	0.20	0.10	0.12	
	CH:27.80m to 32.20m	1	4.40	0.20	0.10	0.09	
	CH:32.20m to 55.30m	1	23.10	0.20	0.10	0.46	
	CH:55.30m to 58.80m	1	3.50				
	CH:58.80m to 85.80m	1	27.00	0.20	0.10	0.54	
	CH:85.80m to 95.70m GAP	1	9.90				
	CH:95.70m to 125.70m	1	30.00	0.20	0.10	0.60	
	CH:125.70m to 136.30m	1	10.60				
	CH:136.30m to 141.10m Rd Gap	1	4.80				
	CH:141.10m to 150.60m	1	9.50	0.20	0.10	0.19	
	CH:150.60m to 157.30m	1	6.70	0.20	0.10	0.13	
	CH:157.30m to 159.80m	1	2.50	0.20	0.10	0.05	
	CH:159.80m to 173.10m	1	13.30	0.20	0.10	0.27	
	CH:173.10m to 179.40m	1	6.30	0.20	0.10	0.13	
	CH:179.40m to 185.60m Gap	1	6.20				
	CH:185.60m to 215.60m	1	30.00	0.20	0.10	0.60	
	LHS From Dead End						
	CH:0.00m to 15.00m	1	15.00	0.20	0.10	0.30	
	CH:15.00m to 18.00m	1	3.00	0.20	0.10	0.06	
	CH:18.00m to 48.00m	1	30.00	0.20	0.10	0.60	
	CH:48.00m to 50.50m	1	2.50				
	CH:50.50m to 58.50m	1	8.00	0.20	0.10	0.16	
	CH:58.50m to 71.70m	1	13.20	0.20	0.10	0.26	
	CH:71.70m to 80.40m	1	8.70	0.20	0.10	0.17	
	CH:80.40m to 84.90m	1	4.50				
	CH:84.90m to 114.90m	1	30.00	0.20	0.10	0.60	
	CH:114.90m to 129.50m	1	14.60	0.20	0.10	0.29	

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Exec. Engineer

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
CH:129.50m to 133.50m	1	4.00	0.20	0.10	0.08	
CH:133.50m to 163.50m	1	30.00	0.20	0.10	0.60	
CH:163.50m to 172.30m	1	8.80	0.20	0.10	0.18	
Upto Turning						
CH:172.30m to 184.80m Gap	1	12.50				
CH:184.80m to 196.80m	1	12.00	0.20	0.10	0.24	
1st A Main Rd						
LHS From End						
CH:0.00m to 0.80m	1	0.80	0.20	0.10	0.02	
CH:0.80m to 5.80m gap	1	5.00				
CH:5.80m to 35.80m	1	30.00	0.20	0.10	0.60	
CH:35.80m to 42.80m	1	7.00	0.20	0.10	0.14	
CH:42.80m to 52.00m	1	9.20	0.20	0.10	0.18	
CH:52.00m to 69.60m	1	17.60	0.20	0.10	0.35	
CH:69.60m to 79.40m gap	1	9.80				
CH:79.40m to 96.30m	1	16.90	0.20	0.10	0.34	
Rd Gap						
CH:96.30m to 121.50m	1	25.20	0.20	0.10	0.50	
Rd Gap						
CH:121.50m to 151.50m	1	30.00				
RHS From End						
CH:0.00m to 0.80m	1	9.30	0.20	0.10	0.19	
CH:0.80m to 18.50m Gap	1	9.20				
CH:18.50m to 36.75m	1	18.25	0.20	0.10	0.37	
CH:36.75m to 39.25m	1	2.50				
CH:39.25m to 52.35m	1	13.10	0.20	0.10	0.26	
CH:52.35m to 55.25m	1	2.90				
CH:55.25m to 64.25m	1	9.00	0.20	0.10	0.18	
CH:64.25m to 68.95m	1	4.70	0.20	0.10	0.09	
CH:68.95m to 79.65m	1	10.70	0.20	0.10	0.21	
CH:79.65m to 88.35m	1	8.70	0.20	0.10	0.17	
Road Gap						
CH:88.35m to 103.75m	1	15.40	0.20	0.10	0.31	
CH:103.75m to 105.05m	1	1.30	0.20	0.10	0.03	
CH:105.05m to 113.05m	1	8.00	0.20	0.10	0.16	
Road Gap						
CH:113.05m to 143.05m	1	30.00				
Deduct	-6	0.45	0.20	0.10	-0.05	
SWD Road						
LHS						
CH:0.00m to 16.30m	1	16.30	0.20	0.10	0.33	
RHS						
CH:0.00m to 12.20m	1	12.20	0.20	0.10	0.24	
2nd Cross Rd						

C&FC

Recommended

A.E.E

K. Sankar Reddy
Contractor

Asst. Engineer

Ramachandra
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
RHS From 1st Main Rd						
CH:0.00m to 20.50m	1	20.50	0.20	0.10	0.41	
CH:20.50m to 25.70m SWD Gap'	1	5.20				
CH:25.70m to 30.40m	1	4.70				
CH:30.40m to 37.80m	1	7.40	0.20	0.10	0.15	
CH:37.80m to 49.30m	1	11.50	0.20	0.10	0.23	
CH:49.30m to 60.80m	1	11.50	0.20	0.10	0.23	
CH:60.80m to 67.10m	1	6.30	0.20	0.10	0.13	
1st Cross Rd						
RHS						
CH:0.00m to 30.00m	1	30.00	0.20	0.10	0.60	
CH:30.00m to 49.70m	1	19.70	0.20	0.10	0.39	
Deduct	-48	0.45	0.20	0.10	-0.43	
Manjunath Traders Rd						
LHS From 1st Main Rd						
CH:0.00m to 5.30m	1	5.30	0.20	0.10	0.11	
CH:5.30m to 10.90m	1	5.60	0.20	0.10	0.11	
CH:10.90m to 20.90m	1	10.00	0.20	0.10	0.20	
CH:20.90m to 22.90m	1	2.00	0.20	0.10	0.04	
CH:22.90m to 29.40m	1	6.50	0.20	0.10	0.13	
CH:29.40m to 32.70m	1	3.30	0.20	0.10	0.07	
				Present Qty	**14.14**	**Cum**

C & E

Recommended

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 24-02-23 24-02-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
10	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work.						
	Ward No-01						
	Asphalt Road						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	Ch:0.00m to 26.80m	1	26.80	(6.70 + 6.40)/2	0.35	61.44	
	Ch:26.80m to 56.80m	1	30.00	(5.60 + 5.65)/2	0.35	59.06	
	Ch:56.80m to 86.80m	1	30.00	(5.65 + 5.40)/2	0.35	58.01	
	Ch:86.80m to 90.10m	1	3.30	(5.40 + 5.40)/2	0.35	6.24	
	Ch:90.10m to 107.60m	1	17.50	(5.50 + 5.65)/2	0.35	34.15	
	Ch:107.60m to 137.60m	1	30.00	(5.45 + 5.50)/2	0.35	57.49	
	Ch:137.60m to 167.60m	1	30.00	(5.50 + 5.30)/2	0.35	56.70	
	Ch:167.60m to 197.60m	1	30.00	(5.30 + 5.00)/2	0.35	54.08	
	Ch:197.60m to 205.20m	1	7.60	(5.00 + 4.70)/2	0.35	12.90	
	Ch:205.20m to 207.10m	1	1.90	(4.30 + 4.40)/2	0.35	2.89	
	Deduct	-1	0.30	(0.30 + 0.30)/2	0.35	-0.03	
	Deduct	-1	0.60	(0.60 + 0.60)/2	0.35	-0.13	
	Ward No-01						
	Srinivasapura						
	For cc Road						

C&E

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Discription of Item	No	Length	Breadth	Depth	Qty	Unit
Kere Kodi Road						
Ch:0.00m to 10.00m	1	10.00	(4.50 + 3.20) / 2	0.20	7.70	
Ch:10.00m to 20.00m	1	10.00	(3.20 + 2.70) / 2	0.20	5.90	
Ch:20.00m to 22.50m	1	2.50	(2.70 + 3.00) / 2	0.20	1.43	
Ch:22.50m to 32.00m	1	9.50	(3.00 + 4.10) / 2	0.20	6.75	
1st Main Road						
Ch:0.00m to 6.20m	1	6.20	(3.80 + 4.00) / 2	0.20	4.84	
Ch:6.20m to 16.20m	1	10.00	(4.00 + 4.00) / 2	0.20	8.00	
Ch:16.20m to 26.20m	1	10.00	(4.00 + 3.90) / 2	0.20	7.90	
Ch:26.20m to 36.20m	1	10.00	(3.90 + 4.10) / 2	0.20	8.00	
Ch:36.20m to 46.20m	1	10.00	(4.10 + 3.70) / 2	0.20	7.80	
Ch:46.20m to 56.20m	1	10.00	(3.70 + 3.90) / 2	0.20	7.60	
Ch:56.20m to 66.20m	1	10.00	(3.90 + 4.40) / 2	0.20	8.30	
Ch:66.20m to 72.80m	1	6.60	(4.40 + 4.40) / 2	0.20	5.81	
Ch:72.80m to 87.80m	1	15.00	(5.30 + 5.40) / 2	0.20	16.05	
Ch:87.80m to 102.80m	1	15.00	(5.40 + 5.50) / 2	0.20	16.35	
Ch:102.80m to 117.80m	1	15.00	(5.50 + 5.40) / 2	0.20	16.35	
Ch:117.80m to 132.80m	1	15.00	(5.40 + 5.20) / 2	0.20	15.90	
Ch:132.80m to 147.80m	1	15.00	(5.20 + 5.80) / 2	0.20	16.50	
Ch:147.80m to 161.80m	1	14.00	(5.80 + 5.60) / 2	0.20	15.96	
Deduct	-1	1.10	(2.50 + 2.50) / 2	0.20	-0.55	
SWD Road						
Ch:0.00m to 22.30m	1	22.30	(6.50 + 6.60) / 2	0.25	36.52	
Manjunatha Traders Rd						

Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka.

Asst. Exec. Engineer,

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:10.00m to 13.00m	1	13.00	(5.20 + 4.95)/2	0.25	16.49	
	Ch:13.00m to 21.50m	1	8.50	(4.90 + 5.30)/2	0.25	10.84	
	Ch:21.50m to 32.70m	1	11.20	(4.50 + 4.05)/2	0.25	11.97	
	Deduct Step	-1	2.50	(1.15 + 1.15)/2	0.25	-0.72	
	Deduct Step	-1	2.30	(0.45 + 0.45)/2	0.25	-0.26	
	1st Cross rd						
	Ch:10.00m to 2.50m	1	2.50	(4.70 + 4.70)/2	0.25	2.94	
	Ch:2.50m to 17.50m	1	15.00	(4.90 + 4.70)/2	0.25	18.00	
	Ch:17.50m to 31.10m	1	13.60	(4.70 + 4.25)/2	0.25	15.22	
	Ch:31.10m to 36.70m	1	5.60	(3.00 + 3.20)/2	0.25	4.34	
	Ch:36.70m to 39.50m	1	2.80	(2.90 + 2.90)/2	0.25	2.03	
	Ch:39.50m to 49.70m	1	10.20	(3.60 + 3.60)/2	0.25	9.18	
	2nd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(5.00 + 5.20)/2	0.25	19.13	
	Ch:15.00m to 21.20m	1	6.20	(5.20 + 5.30)/2	0.20	6.51	
	Ch:21.20m to 25.80m SWD	1	4.60	(6.60 + 6.60)/2	0.20	6.07	
	Ch:25.80m to 26.90m	1	1.10	(4.00 + 4.00)/2	0.25	1.10	
	Ch:26.90m to 36.90m	1	10.00	(5.00 + 5.00)/2	0.25	12.50	
	Ch:36.90m to 51.90m	1	15.00	(4.50 + 3.85)/2	0.25	15.66	
	Ch:51.90m to 67.50m	1	15.60	(3.85 + 3.60)/2	0.25	14.53	
					Present Qty	**781.40**	**Cum**

Recommended
A.E.E

Ramasayanah
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 28-02-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
11	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 (v) For Grading -V Material						
	Ward No-01						
	Asphalt Road						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	Ch:0.00m to 26.80m	1	26.80	(6.70 + 6.40)/2	0.15	26.33	
	Ch:26.80m to 56.80m	1	30.00	(5.60 + 5.65)/2	0.15	25.31	
	Ch:56.80m to 86.80m	1	30.00	(5.65 + 5.40)/2	0.15	24.86	
	Ch:86.80m to 90.10m	1	3.30	(5.40 + 5.40)/2	0.15	2.67	C/F
	Ch:90.10m to 107.60m	1	17.50	(5.50 + 5.65)/2	0.15	14.63	
	Ch:107.60m to 137.60m	1	30.00	(5.45 + 5.50)/2	0.15	24.64	
	Ch:137.60m to 167.60m	1	30.00	(5.50 + 5.30)/2	0.15	24.30	
	Ch:167.60m to 197.60m	1	30.00	(5.30 + 5.00)/2	0.15	23.18	
	Ch:197.60m to 205.20m	1	7.60	(5.00 + 4.70)/2	0.15	5.53	
	Ch:205.20m to 207.10m	1	1.90	(4.30 + 4.40)/2	0.15	1.24	
	Deduct	-1	0.30	(0.30 + 0.30)/2	0.15	-0.01	
	Deduct	-1	0.60	(0.60 + 0.60)/2	0.15	-0.05	
	Ward No-01						
	Srinivasapura						
	For C.C Road						
	Ch:0.00m to 10.00m	1	10.00	(4.50 + 3.20)/2	0.15	5.78	

C/F

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Con

Contractor

Consultant

Asst. Engineer

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:10.00m to 20.00m	1	10.00	(3.20 + 2.70)/2	0.15	4.43	
	Ch:20.00m to 22.50m	1	2.50	(2.70 + 3.00)/2	0.15	1.07	
	Ch:22.50m to 32.00m	1	9.50	(3.00 + 4.10)/2	0.15	5.06	
	1st Main Road						
	Ch:0.00m to 6.20m	1	6.20	(3.80 + 4.00)/2	0.12	2.90	
	Ch:6.20m to 16.20m	1	10.00	(4.00 + 4.00)/2	0.12	4.80	
	Ch:16.20m to 26.20m	1	10.00	(4.00 + 3.90)/2	0.12	4.74	
	Ch:26.20m to 36.20m	1	10.00	(3.90 + 4.10)/2	0.12	4.80	
	Ch:36.20m to 46.20m	1	10.00	(4.10 + 3.70)/2	0.12	4.68	
	Ch:46.20m to 56.20m	1	10.00	(3.70 + 3.90)/2	0.12	4.56	
	Ch:56.20m to 66.20m	1	10.00	(3.90 + 4.40)/2	0.12	4.98	
	Ch:66.20m to 72.80m	1	6.60	(4.40 + 4.40)/2	0.12	3.48	
	Ch:72.80m to 87.80m	1	15.00	(5.30 + 5.40)/2	0.12	9.63	
	Ch:87.80m to 102.80m	1	15.00	(5.40 + 5.50)/2	0.12	9.81	
	Ch:102.80m to 117.80m	1	15.00	(5.50 + 5.40)/2	0.12	9.81	
	Ch:117.80m to 132.80m	1	15.00	(5.40 + 5.20)/2	0.12	9.54	
	Ch:132.80m to 147.80m	1	15.00	(5.20 + 5.80)/2	0.12	9.90	
	Ch:147.80m to 161.80m	1	14.00	(5.80 + 5.60)/2	0.12	9.58	
	Deduct	-1	1.10	(2.50 + 2.50)/2	0.12	-0.33	
	SWD Road						
	Ch:0.00m to 22.30m	1	22.30	(6.50 + 6.60)/2	0.15	21.91	
	Manjunatha Traders Rd						
	Ch:10.00m to 13.00m	1	13.00	(5.20 + 4.95)/2	0.12	7.92	

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
	Ch:13.00m to 21.50m	1	8.50	(4.90 + 5.30)/2	0.12	5.20	
	Ch:21.50m to 32.70m	1	11.20	(4.50 + 4.05)/2	0.12	5.75	
	Deduct Step	-1	2.50	(1.15 + 1.15)/2	0.15	-0.43	
	Deduct Step	-1	2.30	(0.45 + 0.45)/2	0.12	-0.12	
	1st Cross rd						
	Ch:10.00m to 2.50m	1	2.50	(4.70 + 4.70)/2	0.15	1.76	
	Ch:2.50m to 17.50m	1	15.00	(4.90 + 4.70)/2	0.12	8.64	
	Ch:17.50m to 31.10m	1	13.60	(4.70 + 4.25)/2	0.12	7.30	
	Ch:31.10m to 36.70m	1	5.60	(3.00 + 3.20)/2	0.15	2.60	
	Ch:36.70m to 39.50m	1	2.80	(2.90 + 2.90)/2	0.12	0.97	
	Ch:39.50m to 49.70m	1	10.20	(3.60 + 3.60)/2	0.12	4.41	
	2nd Cross Rd						
	Ch:0.00m to 15.00m	1	15.00	(5.00 + 5.20)/2	0.15	11.48	
	Ch:15.00m to 21.20m	1	6.20	(5.20 + 5.30)/2	0.12	3.91	
	Ch:21.20m to 25.80m SWD	1	4.60	(6.60 + 6.60)/2	0.15	4.55	
	Ch:25.80m to 26.90m	1	1.10	(4.00 + 4.00)/2	0.12	0.53	
	Ch:26.90m to 36.90m	1	10.00	(5.00 + 5.00)/2	0.12	6.00	
	Ch:36.90m to 51.90m	1	15.00	(4.50 + 3.85)/2	0.12	7.52	
	Ch:51.90m to 67.50m	1	15.60	(3.85 + 3.60)/2	0.15	8.72	
					Present Qty	**390.44**	**Cum**

C&FC

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor Consultant Asst. Engineer Asst. Exec. Engineer,

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 2-03-23 3-03-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
12	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.						
	Ward No-01						
	Asphalt Road						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	Ch:0.00m to 26.80m	1	26.80	(6.70 + 6.40)/2	0.225	39.50	
	Ch:26.80m to 56.80m	1	30.00	(5.60 + 5.65)/2	0.225	37.97	
	Ch:56.80m to 86.80m	1	30.00	(5.65 + 5.40)/2	0.225	37.29	
	Ch:86.80m to 90.10m	1	3.30	(5.40 + 5.40)/2	0.225	4.01	
	Ch:90.10m to 107.60m	1	17.50	(5.50 + 5.65)/2	0.225	21.95	
	Ch:107.60m to 137.60m	1	30.00	(5.45 + 5.50)/2	0.225	36.96	
	Ch:137.60m to 167.60m	1	30.00	(5.50 + 5.30)/2	0.225	36.45	
	Ch:167.60m to 197.60m	1	30.00	(5.30 + 5.00)/2	0.225	34.76	
	Ch:197.60m to 205.20m	1	7.60	(5.00 + 4.70)/2	0.225	8.29	
	Ch:205.20m to 207.10m	1	1.90	(4.30 + 4.40)/2	0.225	1.86	
	Deduct	-1	0.30	(0.30 + 0.30)/2	0.225	-0.02	
	Deduct	-1	0.60	(0.60 + 0.60)/2	0.225	-0.08	
	Cut Portion						
		1	3.00	(1.00 + 1.20)/2	0.225	0.74	
		1	5.00	(1.30 + 1.40)/2	0.225	1.52	

A.E.E

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer,

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	7.00	(1.00 + 0.90) / 2	0.225	1.50	
		1	5.00	(0.90 + 1.20) / 2	0.225	1.18	
		1	2.00	(1.00 + 1.20) / 2	0.225	0.50	
		1	3.00	(1.30 + 1.40) / 2	0.225	0.91	
		1	5.00	(0.80 + 0.70) / 2	0.225	0.84	
					Present Qty	**266.13**	**Cum**

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 15-07-22

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
13	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. Volume-3						
	Ward No-01						
	Asphalt Road						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	Ch:0.00m to 26.80m	1	26.80	(6.70 + 6.40) / 2		175.54	
	Ch:26.80m to 56.80m	1	30.00	(5.60 + 5.65) / 2		168.75	
	Ch:56.80m to 86.80m	1	30.00	(5.65 + 5.40) / 2		165.75	
	Ch:86.80m to 90.10m	1	3.30	(5.40 + 5.40) / 2		17.82	
	Ch:90.10m to 107.60m	1	17.50	(5.50 + 5.65) / 2		97.56	
	Ch:107.60m to 137.60m	1	30.00	(5.45 + 5.50) / 2		164.25	
	Ch:137.60m to 167.60m	1	30.00	(5.50 + 5.30) / 2		162.00	
	Ch:167.60m to 197.60m	1	30.00	(5.30 + 5.00) / 2		154.50	
	Ch:197.60m to 205.20m	1	7.60	(5.00 + 4.70) / 2		36.86	
	Ch:205.20m to 207.10m	1	1.90	(4.30 + 4.40) / 2		8.27	
	Deduct	-1	0.30	(0.30 + 0.30) / 2		-0.09	
	Deduct	-1	0.60	(0.60 + 0.60) / 2		-0.36	
	Cut Portion						
		1	3.00	(1.00 + 1.20) / 2		3.30	
		1	5.00	(1.30 + 1.40) / 2		6.75	
		1	7.00	(1.00 + 1.20) / 2		7.70	

A.E.E

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Ban...
Asst. Exec. Engineer,

Item	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	5.00	0.90 + 1.20 / 2		5.25	
		1	2.00	1.00 + 1.20 / 2		2.20	
		1	5.00	1.30 + 1.40 / 2		6.75	
		1	7.00	1.00 + 1.20 / 2		7.70	
		1	5.00	0.80 + 0.70 / 2		3.75	
					Present Qty	**1194.25**	**Sqm**

Checked
Recorded
A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

tor

Asst. Engineer

Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 15-03-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
14	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom Volume-3						
	Ward No-01						
	Asphalt Road						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	Ch:0.00m to 26.80m	1	26.80	(6.70 + 6.40)/2		175.54	
	Ch:26.80m to 56.80m	1	30.00	(5.60 + 5.65)/2		168.75	
	Ch:56.80m to 86.80m	1	30.00	(5.65 + 5.40)/2		165.75	
	Ch:86.80m to 90.10m	1	3.30	(5.40 + 5.40)/2		17.82	
	Ch:90.10m to 107.60m	1	17.50	(5.50 + 5.65)/2		97.56	
	Ch:107.60m to 137.60m	1	30.00	(5.45 + 5.50)/2		164.25	
	Ch:137.60m to 167.60m	1	30.00	(5.50 + 5.30)/2		162.00	
	Ch:167.60m to 197.60m	1	30.00	(5.30 + 5.00)/2		154.50	
	Ch:197.60m to 205.20m	1	7.60	(5.00 + 4.70)/2		36.86	
	Ch:205.20m to 207.10m	1	1.90	(4.30 + 4.40)/2		8.27	
	Deduct	-1	0.30	(0.30 + 0.30)/2		-0.09	
	Deduct	-1	0.60	(0.60 + 0.60)/2		-0.36	
	Cut Portion						
		1	3.00	(1.00 + 1.20)/2		3.30	
		1	5.00	(1.30 + 1.40)/2		6.75	
		1	7.00	(1.00 + 1.20)/2		7.70	

C&PC

A.E.E

K. Sankar Reddy

Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	5.00	0.90 + 1.20 / 2		5.25	
		1	2.00	1.00 + 1.20 / 2		2.20	
		1	5.00	1.30 + 1.40 / 2		6.75	
		1	7.00	1.00 + 1.20 / 2		7.70	
		1	5.00	0.80 + 0.70 / 2		3.75	
					Present Qty	**1194.25**	**Sqm**

C&R Remeed A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. Sankar Reddy

Contractor

Asst. Engineer

Asst. Exec. Engineer,

of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 15-03-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
15	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per						
	Ward No-01						
	Asphalt Road						
	Srinivasapura						
	Hp Petrol Bunk Back Side						
	Ch:0.00m to 26.80m	1	26.80	(6.70 + 6.40)/2	0.05	8.78	
	Ch:26.80m to 56.80m	1	30.00	(5.60 + 5.65)/2	0.05	8.44	
	Ch:56.80m to 86.80m	1	30.00	(5.65 + 5.40)/2	0.05	8.29	
	Ch:86.80m to 90.10m	1	3.30	(5.40 + 5.40)/2	0.05	0.89	
	Ch:90.10m to 107.60m	1	17.50	(5.50 + 5.65)/2	0.05	4.88	
	Ch:107.60m to 137.60m	1	30.00	(5.45 + 5.50)/2	0.05	8.21	
	Ch:137.60m to 167.60m	1	30.00	(5.50 + 5.30)/2	0.05	8.10	
	Ch:167.60m to 197.60m	1	30.00	(5.30 + 5.00)/2	0.05	7.73	
	Ch:197.60m to 205.20m	1	7.60	(5.00 + 4.70)/2	0.05	1.84	
	Ch:205.20m to 207.10m	1	1.90	(4.30 + 4.40)/2	0.05	0.41	
	Deduct	-1	0.30	(0.30 + 0.30)/2	0.05	-0.005	
	Deduct	-1	0.60	(0.60 + 0.60)/2	0.05	-0.02	
	Cut Portion						
		1	3.00	(1.00 + 1.20)/2	0.05	0.17	

C & FC

A.E.E

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Exec. Engineer,

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit
		1	5.00	1.30 + 1.40 / 2	0.05	0.34	
		1	7.00	1.00 + 1.20 / 2	0.05	0.39	
		1	5.00	0.90 + 1.20 / 2	0.05	0.26	
		1	2.00	1.00 + 1.20 / 2	0.05	0.11	
		1	5.00	1.30 + 1.40 / 2	0.05	0.34	
		1	7.00	1.00 + 1.20 / 2	0.05	0.39	
		1	5.00	0.80 + 0.70 / 2	0.05	0.19	
					Present Qty	**59.71**	**Cum**

A.E.E

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer,

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On:

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit
18	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km						
	Qty-2	1	274.89	1.28		351.86	
	Qty-10	1	781.40	1.28		1000.20	
					Present Qty	**1352.06**	**Cum**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Item No.	Detailed Measurements Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
1	Removing and Resetting of Footpath Slab (Approved Rate)								
	Vide Premeasurement page no.					340.07			
	Present Qty					**340.07**	**Sqm**	**269.72**	**91723.00**
2	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal								
	Vide Premeasurement page no.					274.89			
	Present Qty					**274.89**	**Sqm**	**348.91**	**95913.00**
3	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately)								
	Vide Premeasurement page no.					238.41			
	Present Qty					**238.41**	**Cum**	**6374.55**	**1519744.00**
4	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.								
	Vide Premeasurement page no.					3.04			
	Present Qty					**3.04**	**Sqm**	**105787.20**	**321666.00**
5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical								
	Vide Premeasurement page no.					50.68			
	Present Qty					**50.68**	**Cum**	**7192.20**	**364488.00**
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates								
	Vide Premeasurement page no.					14.14			
	Present Qty					**14.14**	**Cum**	**6574.25**	**92941.00**
10	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances								
	Vide Premeasurement page no.					781.40			

K. K. Sarkar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
					Present Qty	**781.40**	**Cum**	**74.60**	**58293.00**
11	Construction of Granular Sub-Base of required grading as per design mixing in a mechanical mix plant at OMC, carriage of mixed Material to work site, spreading in uniform layers with motor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per clause 401 .								
	Vide Premeasurement page no.					390.44			
					Present Qty	**390.44**	**Cum**	**2693.75**	**1051751.00**
12	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density								
	Vide Premeasurement page no.					266.13			
					Present Qty	**266.13**	**Cum**	**2747.69**	**731242.00**
13	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. 07-22)								
	Vide Premeasurement page no.					1194.25			
					Present Qty	**1194.25**	**Sqm**	**48.21**	**57575.00**
14	Providing and applying tack coat with VG-10 Bitumen using pressure distributor at the rate of 0.20 kg/m2on the prepared bituminous surface cleaned with mechanical broom.								
	Vide Premeasurement page no.					1194.25			
					Present Qty	**1194.25**	**Sqm**	**13.77**	**16445.00**
15	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505								
	Vide Premeasurement page no.					59.71			
					Present Qty	**59.71**	**Cum**	**10489.20**	**626336.00**
18	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km								
	Vide Premeasurement page no.					1352.06			
					Present Qty	**1352.06**	**T.km**	**110.50**	**149403.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

MEASUREMENT SHEETS

"FIRST AND FINAL BILL

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 24-03-23; 24-03-23

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
6 15	Providing and fixing 100 mm thick Pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers complete as per specifications.(Data Rate Aproved)								
	Ward No-01								
	Srinivasapura								
	Manjunath Traders Rd								
	LHS From 1st Main Rd								
	CH:0.00m to 5.30m	1	5.30	0.90		4.77			
	CH:5.30m to 10.90m	1	5.60	0.90		5.04			
	CH:10.90m to 20.90m	1	10.00	0.90		9.00			
	CH:20.90m to 22.90m	1	2.00	0.90		1.80			
	CH:22.90m to 29.40m	1	6.50	0.90		5.85			
	CH:29.40m to 32.70m	1	3.30	0.90		2.97			
	1st Cross Rd								
	RHS								
	CH:0.00m to 30.00m	1	30.00	0.90		27.00			
	CH:30.00m to 49.70m	1	19.70	0.90		17.73			
	2nd Cross Rd								
	RHS From 1st Main Rd								
	CH:0.00m to 20.50m	1	20.50	0.90		18.45			
	CH:20.50m to 25.70m SWD Gap	1	5.20						
	CH:25.70m to 30.40m	1	4.70	0.60		2.82			
	CH:30.40m to 37.80m	1	7.40	0.60		4.44			
	CH:37.80m to 49.30m	1	11.50	0.60		6.90			
	CH:49.30m to 60.80m	1	11.50	0.60		6.90			
	CH:60.80m to 67.10m	1	6.30	0.60		3.78			
	Missing Slab								
	Ward No-01								
	For Kerb Stone								
	Srinivasapura								
	Hp Petrol Bunk Back Side								
	RHS								
	CH:0.00m to 22.00m	1	5.00	0.90		4.50			
	CH:22.00m to 27.80m	1	5.80	0.90		0.00			
	CH:27.80m to 32.20m	1	2.00	0.90		1.80			
	CH:32.20m to 55.30m	1	8.00	0,90		7.20			
	CH:55.30m to 58.80m	1	3.50	0.90		0.00			
	CH:58.80m to 85.80m	1	7.00	0.90		6.30			

C&FC

Ramasanjeevaiah
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. Sankara Reddy
Contractor

Asst. Engineer

Ramasanjeevaiah
Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, B- Asst. Exec. Engineer

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
85.80m to 95.70m GAP	1	9.90						
CH:95.70m to 125.70m	1	5.00	0.90		4.50			
CH:125.70m to 136.30m	1	6.80	0.90		6.12			
CH:136.30m to 141.10m Rd Gap	1	4.80						
CH:141.10m to 150.60m	1	6.00	0.90		5.40			
CH:150.60m to 157.30m	1	6.70	0.90		0.00			
CH:157.30m to 159.80m	1	1.00	0.90		0.90			
CH:159.80m to 173.10m	1	6.00	0.90		5.40			
CH:173.10m to 179.40m	1	6.30	0.90		0.00			
CH:179.40m to 185.60m Gap	1	6.20						
CH:185.60m to 215.60m	1	12.00	0.90		10.80			
LHS From Dead End								
CH:0.00m to 15.00m	1	9.00	0.90		8.10			
CH:15.00m to 18.00m	1	3.00	0.90		0.00			
CH:18.00m to 48.00m	1	12.00	0.90		10.80			
CH:48.00m to 50.50m	1	2.50						
CH:50.50m to 58.50m	1	3.00	0.90		2.70			
CH:58.50m to 71.70m	1	13.20	0.90		0.00			
CH:71.70m to 80.40m	1	4.00	0.90		3.60			
CH:80.40m to 84.90m	1	4.50						
CH:84.90m to 114.90m	1	10.00	0.90		9.00			
CH:114.90m to 129.50m	1	9.00	0.90		8.10			
CH:129.50m to 133.50m	1	4.00	0.90		0.00			
CH:133.50m to 163.50m	1	12.00	0.90		10.80			
CH:163.50m to 172.30m	1	3.00	0.90		2.70			
Upto Turning								
CH:172.30m to 184.80m Gap	1	12.50						
CH:184.80m to 196.80m	1	12.00	0.90		0.00			
1st A Main Rd								
LHS From End								
CH:0.00m to 0.80m	1	0.80	0.90		0.72			
CH:0.80m to 5.80m gap	1	5.00						
CH:5.80m to 35.80m	1	6.00	0.90		5.40			
CH:35.80m to 42.80m	1	2.00	0.90		1.80			
CH:42.80m to 52.00m	1	4.00	0.90		0.00			
CH:52.00m to 69.60m	1	6.00	0.90		5.40			
CH:69.60m to 79.40m gap	1	9.80						
CH:79.40m to 96.30m	1	7.00	0.90		6.30			
Rd Gap								
CH:96.30m to 121.50m	1	6.00	0.90		5.40			
Rd Gap								
CH:121.50m to 151.50m	1	10.00	0.90		9.00			
RHS From End								
CH:0.00m to 0.80m	1	2.00	0.90		1.80			
CH:0.80m to 18.50m Gap	1	9.20						

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Contractor

Asst. Engineer

Asst. Exec. Engineer

	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	18.50m to 36.75m	1	6.00	0.90		5.40			
	CH:36.75m to 39.25m	1	0.50	0.90		0.45			
	CH:39.25m to 52.35m	1	3.00	0.90		2.70			
	CH:52.35m to 55.25m	1	0.60	0.90		0.54			
	CH:55.25m to 64.25m	1	5.00	0.90		4.50			
	CH:64.25m to 68.95m	1	2.00	0.90		0.00			
	CH:68.95m to 79.65m	1	5.00	0.90		4.50			
	CH:79.65m to 88.35m	1	4.00	0.90		3.60			
	Road Gap								
	CH:88.35m to 103.75m	1	4.00	0.90		3.60			
	CH:103.75m to 105.05m	1	0.60	0.90		0.00			
	CH:105.05m to 113.05m	1	4.00	0.90		3.60			
	Road Gap								
	CH:113.05m to 143.05m	1	4.00	0.60		2.40			
					Present Qty	**293.28**	**Sqm**	**2161.92**	**634048.00**

C & FC Ramanjaneyulu

Ramanjaneyulu

K. Srinivasa Reddy

Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 27-03-23, 27-03-23

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
8	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc.,complete(Excluding GST and Area leading charges)								
	Ward No-01								
	For Kerb Stone								
	Srinivasapura								
	Hp Petrol Bunk Back Side								
	LHS								
	CH:0.00m to 22.00m	1	22.00			22.00			
	CH:22.00m to 27.80m	1	5.80			5.80			
	CH:27.80m to 32.20m	1	4.40			4.40			
	CH:32.20m to 55.30m	1	23.10			23.10			
	CH:55.30m to 58.80m	1	3.50						
	CH:58.80m to 85.80m	1	27.00			27.00			
	CH:85.80m to 95.70m GAP	1	9.90						
	CH:95.70m to 125.70m	1	30.00			30.00			
	CH:125.70m to 136.30m	1	10.60						
	CH:136.30m to 141.10m Rd Gap	1	4.80						
	CH:141.10m to 150.60m	1	9.50			9.50			
	CH:150.60m to 157.30m	1	6.70			6.70			
	CH:157.30m to 159.80m	1	2.50			2.50			
	CH:159.80m to 173.10m	1	13.30			13.30			
	CH:173.10m to 179.40m	1	6.30			6.30			
	CH:179.40m to 185.60m Gap	1	6.20						
	CH:185.60m to 215.60m	1	30.00			30.00			
	RHS From Dead End								
	CH:0.00m to 15.00m	1	15.00			15.00			
	CH:15.00m to 18.00m	1	3.00			3.00			
	CH:18.00m to 48.00m	1	30.00			30.00			
	CH:48.00m to 50.50m	1	2.50						
	CH:50.50m to 58.50m	1	8.00			8.00			
	CH:58.50m to 71.70m	1	13.20			13.20			
	CH:71.70m to 80.40m	1	8.70			8.70			
	CH:80.40m to 84.90m	1	4.50						
	CH:84.90m to 114.90m	1	30.00			30.00			
	CH:114.90m to 129.50m	1	14.60			14.60			

30/3/2023

L & FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
CH:129.50m to 133.50m	1	4.00			4.00			
CH:133.50m to 163.50m	1	30.00			30.00			
CH:163.50m to 172.30m	1	8.80			8.80			
Upto Turning								
CH:172.30m to 184.80m Gap	1	12.50						
CH:184.80m to 196.80m	1	12.00			12.00			
1st A Main Rd								
LHS From End								
CH:0.00m to 0.80m	1	0.80			0.80			
CH:0.80m to 5.80m gap	1	5.00						
CH:5.80m to 35.80m	1	30.00			30.00			
CH:35.80m to 42.80m	1	7.00			7.00			
CH:42.80m to 52.00m	1	9.20			9.20			
CH:52.00m to 69.60m	1	17.60			17.60			
CH:69.60m to 79.40m gap	1	9.80						
CH:79.40m to 96.30m	1	16.90			16.90			
Rd Gap								
CH:96.30m to 121.50m	1	25.20			25.20			
Rd Gap								
CH:121.50m to 151.50m	1	30.00						
RHS From End								
CH:0.00m to 0.80m	1	9.30			9.30			
CH:0.80m to 18.50m Gap	1	9.20						
CH:18.50m to 36.75m	1	18.25			18.25			
CH:36.75m to 39.25m	1	2.50						
CH:39.25m to 52.35m	1	13.10			13.10			
CH:52.35m to 55.25m	1	2.90						
CH:55.25m to 64.25m	1	9.00			9.00			
CH:64.25m to 68.95m	1	4.70			4.70			
CH:68.95m to 79.65m	1	10.70			10.70			
CH:79.65m to 88.35m	1	8.70			8.70			
Road Gap								
CH:88.35m to 103.75m	1	15.40			15.40			
CH:103.75m to 105.05m	1	1.30			1.30			
CH:105.05m to 113.05m	1	8.00			8.00			
Road Gap								
CH:113.05m to 143.05m	1	30.00						
SWD Road								
LHS								
CH:0.00m to 16.30m	1	16.30			16.30			
RHS								
CH:0.00m to 12.20m	1	12.20			12.20			
2nd Cross Rd								
RHS From 1st Main Rd								

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka. Bangalore

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka. Bangalore

Asst. Exec. Engine

Contra Cc Contractor

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
CH:0.00m to 20.50m	1	20.50			20.50			
CH:20.50m to 25.70m SWD Gap'	1	5.20						
CH:25.70m to 30.40m	1	4.70						
CH:30.40m to 37.80m	1	7.40			7.40			
CH:37.80m to 49.30m	1	11.50			11.50			
CH:49.30m to 60.80m	1	11.50			11.50			
CH:60.80m to 67.10m	1	6.30			6.30			
1st Cross Rd								
RHS								
CH:0.00m to 30.00m	1	30.00			30.00			
CH:30.00m to 49.70m	1	19.70			19.70			
Manjunath Traders Rd								
LHS From 1st Main Rd								
CH:0.00m to 5.30m	1	5.30			5.30			
CH:5.30m to 10.90m	1	5.60			5.60			
CH:10.90m to 20.90m	1	10.00			10.00			
CH:20.90m to 22.90m	1	2.00			2.00			
CH:22.90m to 29.40m	1	6.50			6.50			
CH:29.40m to 32.70m	1	3.30			3.30			
Deduct	-48	0.45			-21.60			
					709.55			
				Present Qty	**1577.00**	**Nos**	**529.00**	**834233.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. S. K. Sankar Reddy
Contra Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 29-03-23 29-03-23

Item No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
9	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces								
	Ward No-04								
	For Kerb Stone								
	Ward No-01								
	For Kerb Stone								
	Srinivasapura								
	Hp Petrol Bunk Back Side								
	LHS								
	CH:0.00m to 22.00m	1	22.00		0.35	7.70			
	CH:22.00m to 27.80m	1	5.80		0.35	2.03			
	CH:27.80m to 32.20m	1	4.40		0.35	1.54			
	CH:32.20m to 55.30m	1	23.10		0.35	8.09			
	CH:55.30m to 58.80m	1	3.50						
	CH:58.80m to 85.80m	1	27.00		0.35	9.45			
	CH:85.80m to 95.70m GAP	1	9.90						
	CH:95.70m to 125.70m	1	30.00		0.35	10.50			
	CH:125.70m to 136.30m	1	10.60						
	CH:136.30m to 141.10m Rd Gap	1	4.80						
	CH:141.10m to 150.60m	1	9.50		0.35	3.33			
	CH:150.60m to 157.30m	1	6.70		0.35	2.35			
	CH:157.30m to 159.80m	1	2.50		0.35	0.88			
	CH:159.80m to 173.10m	1	13.30		0.35	4.66			
	CH:173.10m to 179.40m	1	6.30		0.35	2.21			
	CH:179.40m to 185.60m Gap	1	6.20						
	CH:185.60m to 215.60m	1	30.00		0.35	10.50			
	RHS From Dead End								
	CH:0.00m to 15.00m	1	15.00		0.35	5.25			
	CH:15.00m to 18.00m	1	3.00		0.35	1.05			
	CH:18.00m to 48.00m	1	30.00		0.35	10.50			
	CH:48.00m to 50.50m	1	2.50						
	CH:50.50m to 58.50m	1	8.00		0.35	2.80			
	CH:58.50m to 71.70m	1	13.20		0.35	4.62			
	CH:71.70m to 80.40m	1	8.70		0.35	3.05			
	CH:80.40m to 84.90m	1	4.50						
	CH:84.90m to 114.90m	1	30.00		0.35	10.50			
	CH:114.90m to 129.50m	1	14.60		0.35	5.11			
	CH:129.50m to 133.50m	1	4.00		0.35	1.40			

C/F

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Exec. Engineer

Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
CH:133.50m to 163.50m	1	30.00		0.35	10.50			
CH:163.50m to 172.30m	1	8.80		0.35	3.08			
Upto Turning								
CH:172.30m to 184.80m Gap	1	12.50						
CH:184.80m to 196.80m	1	12.00		0.35	4.20			
1st A Main Rd								
LHS From End								
CH:0.00m to 0.80m	1	0.80		0.35	0.28			
CH:0.80m to 5.80m gap	1	5.00						
CH:5.80m to 35.80m	1	30.00		0.35	10.50			
CH:35.80m to 42.80m	1	7.00		0.35	2.45			
CH:42.80m to 52.00m	1	9.20		0.35	3.22			
CH:52.00m to 69.60m	1	17.60		0.35	6.16			
CH:69.60m to 79.40m gap	1	9.80						
CH:79.40m to 96.30m	1	16.90		0.35	5.92			
Rd Gap								
CH:96.30m to 121.50m	1	25.20		0.35	8.82			
Rd Gap								
CH:121.50m to 151.50m	1	30.00						
RHS From End								
CH:0.00m to 0.80m	1	9.30		0.35	3.26			
CH:0.80m to 18.50m Gap	1	9.20						
CH:18.50m to 36.75m	1	18.25		0.35	6.39			
CH:36.75m to 39.25m	1	2.50						
CH:39.25m to 52.35m	1	13.10		0.35	4.59			
CH:52.35m to 55.25m	1	2.90						
CH:55.25m to 64.25m	1	9.00		0.35	3.15			
CH:64.25m to 68.95m	1	4.70		0.35	1.65			
CH:68.95m to 79.65m	1	10.70		0.35	3.75			
CH:79.65m to 88.35m	1	8.70		0.35	3.05			
Road Gap								
CH:88.35m to 103.75m	1	15.40		0.35	5.39			
CH:103.75m to 105.05m	1	1.30		0.35	0.46			
CH:105.05m to 113.05m	1	8.00		0.35	2.80			
Road Gap								
CH:113.05m to 143.05m	1	30.00						
Deduct	-6	0.45		0.35	-0.95			
SWD Road								
LHS								
CH:0.00m to 16.30m	1	16.30		0.35	5.71			
RHS								
CH:0.00m to 12.20m	1	12.20		0.35	4.27			
2nd Cross Rd								
RHS From 1st Main Rd								

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Cont... Sk. Sanwar Reddy
Contractor

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore
Asst. Exec. Engineer

	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
	CH:0.00m to 20.50m	1	20.50		0.35	7.18			
	CH:20.50m to 25.70m SWD Gap'	1	5.20						
	CH:25.70m to 30.40m	1	4.70						
	CH:30.40m to 37.80m	1	7.40		0.35	2.59			
	CH:37.80m to 49.30m	1	11.50		0.35	4.03			
	CH:49.30m to 60.80m	1	11.50		0.35	4.03			
	CH:60.80m to 67.10m	1	6.30		0.35	2.21			
	1st Cross Rd								
	RHS								
	CH:0.00m to 30.00m	1	30.00		0.35	10.50			
	Manjunath Traders Rd								
	LHS From 1st Main Rd								
	CH:0.00m to 5.30m	1	5.30		0.35	1.86			
	CH:5.30m to 10.90m	1	5.60		0.35	1.96			
	CH:10.90m to 20.90m	1	10.00		0.35	3.50			
	CH:20.90m to 22.90m	1	2.00		0.35	0.70			
	CH:22.90m to 29.40m	1	6.50		0.35	2.28			
	CH:29.40m to 32.70m	1	3.30		0.35	1.16			
					Present Qty	**248.06**	**Sqm**	**97.56**	**24201.00**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Division
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Exec. Engineer

Name of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

Measurement Recorded On: 5-04-23 5-04-23

Item No	Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
16	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects Volume-3								
	Ward No-01								
	Asphalt Road								
	Srinivasapura								
	Hp Petrol Bunk Back Side								
	Ch:0.00m to 26.80m	1	26.80	(6.70 + 6.40)/2	0.04	7.02			
	Ch:26.80m to 56.80m	1	30.00	(5.60 + 5.65)/2	0.04	6.75			
	Ch:56.80m to 86.80m	1	30.00	(5.65 + 5.40)/2	0.04	6.63			
	Ch:86.80m to 90.10m	1	3.30	(5.40 + 5.40)/2	0.04	0.71			
	Ch:90.10m to 107.60m	1	17.50	(5.50 + 5.65)/2	0.04	3.90			
	Ch:107.60m to 137.60m	1	30.00	(5.45 + 5.50)/2	0.04	6.57			
	Ch:137.60m to 167.60m	1	30.00	(5.50 + 5.30)/2	0.04	6.48			
	Ch:167.60m to 197.60m	1	30.00	(5.30 + 5.00)/2	0.04	6.18			
	Ch:197.60m to 205.20m	1	7.60	(5.00 + 4.70)/2	0.04	1.47			
	Ch:205.20m to 207.10m	1	1.90	(4.30 + 4.40)/2	0.04	0.33			
	Deduct	-1	0.30	(0.30 + 0.30)/2	0.04	-0.004			
	Deduct	-1	0.60	(0.60 + 0.60)/2	0.04	-0.01			
	Cut Portion								

C & FC

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. Sankara Reddy
Contractor

Asst. Engineer

Asst. Exec. Engineer

Discription of Item	No	Length	Breadth	Depth	Qty	Unit	Rate	Amount
	1	3.00	1.00 + 1.20 / 2	0.04	0.13			
	1	5.00	1.30 + 1.40 / 2	0.04	0.27			
	1	7.00	1.00 + 1.20 / 2	0.04	0.31			
	1	5.00	0.90 + 1.20 / 2	0.04	0.21			
	1	2.00	1.00 + 1.20 / 2	0.04	0.09			
	1	5.00	1.30 + 1.40 / 2	0.04	0.27			
	1	7.00	1.00 + 1.20 / 2	0.04	0.31			
	1	5.00	0.80 + 0.70 / 2	0.04	0.15			
				Present Qty	**47.77**	**Cum**	**12178.67**	**581774.00**

13/4/2023

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

K. Sankar Reddy
Contractor

Asst. Engineer

Asst. Exec. Engineer

e of Work: Improvements to roads drains at Srinivasapura Village in ward No.01 of Yelahanka Sub Division

Detailed Measurements

asurement Recorded On: 06-04-23, 10-04-23.

em No	Discription of Item	No	Length	A.Breadth	Depth	Qty	Unit	Rate	Amount
17 29	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete. as per the directions of the								
	Ward No-01								
	For C.C Road								
	Srinivasapura								
	Kere Kodi Road								
	Ch:0.00m to 10.00m	1	10.00	(4.50 + 3.20)/2	0.12	4.62			
	Ch:10.00m to 20.00m	1	10.00	(3.20 + 2.70)/2	0.12	3.54			
	Ch:20.00m to 22.50m	1	2.50	(2.70 + 3.00)/2	0.15	1.07			
	Ch:22.50m to 32.00m	1	9.50	(3.00 + 4.10)/2	0.15	5.06			
	1st Main Road								
	Ch:0.00m to 6.20m	1	6.20	(3.80 + 4.00)/2	0.12	2.90			
	Ch:6.20m to 16.20m	1	10.00	(4.00 + 4.00)/2	0.12	4.80			
	Ch:16.20m to 26.20m	1	10.00	(4.00 + 3.90)/2	0.12	4.74			
	Ch:26.20m to 36.20m	1	10.00	(3.90 + 4.10)/2	0.12	4.80			
	Ch:36.20m to 46.20m	1	10.00	(4.10 + 3.70)/2	0.12	4.68			
	Ch:46.20m to 56.20m	1	10.00	(3.70 + 3.90)/2	0.12	4.71			
	Ch:56.20m to 66.20m	1	10.00	(3.90 + 4.40)/2	0.12	4.98			

C&FC

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Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

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Contractor

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Yelahanka Sub Divison
(BBMP Ynk. Zn)
Bangalore

Asst. Exec. Engineer

	Ch:66.20m to 72.80m	1	6.60	4.40 + 4.40 / 2	0.15	4.36				
	Ch:72.80m to 87.80m	1	15.00	5.30 + 5.40 / 2	0.12	9.63				
	Ch:87.80m to 102.80m	1	15.00	5.40 + 5.50 / 2	0.12	9.81				
	Ch:102.80m to 117.80m	1	15.00	5.50 + 5.40 / 2	0.12	9.81				
	Ch:117.80m to 132.80m	1	15.00	5.40 + 5.20 / 2	0.12	9.54				
	Ch:132.80m to 147.80m	1	15.00	5.20 + 5.80 / 2	0.12	9.90				
	Ch:147.80m to 161.80m	1	14.00	5.80 + 5.60 / 2	0.12	9.58				
	Deduct	-1	1.10	2.50 + 2.50 / 2	0.12	-0.33				
	SWD Road									
	Ch:0.00m to 22.30m	1	22.30	6.50 + 6.60 / 2	0.15	21.91				
	Manjunatha Traders Rd									
	Ch:10.00m to 13.00m	1	13.00	5.20 + 4.95 / 2	0.12	7.92				
	Ch:13.00m to 21.50m	1	8.50	4.90 + 5.30 / 2	0.12	5.20				
	Ch:21.50m to 32.70m	1	11.20	4.50 + 4.05 / 2	0.12	5.75				
	Deduct Step	-1	2.50	1.15 + 1.15 / 2	0.12	-0.35				
	Deduct Step	-1	2.30	0.45 + 0.45 / 2	0.12	-0.12				
	1st Cross rd									
	Ch:10.00m to 2.50m	1	2.50	4.70 + 4.70 / 2	0.15	1.76				
	Ch:2.50m to 17.50m	1	15.00	4.90 + 4.70 / 2	0.12	8.64				
	Ch:17.50m to 31.10m	1	13.60	4.70 + 4.25 / 2	0.12	7.30				
	Ch:31.10m to 36.70m	1	5.60	3.00 + 3.20 / 2	0.12	2.08				
	Ch:36.70m to 39.50m	1	2.80	2.90 + 2.90 / 2	0.15	1.22				
	Ch:39.50m to 49.70m	1	10.20	3.60 + 3.60 / 2	0.12	4.41				
	2nd Cross Rd									
	Ch:0.00m to 15.00m	1	15.00	5.00 + 5.20 / 2	0.12	9.18				
	Ch:15.00m to 21.20m	1	6.20	5.20 + 5.30 / 2	0.12	3.91				

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Asst. Engineer

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

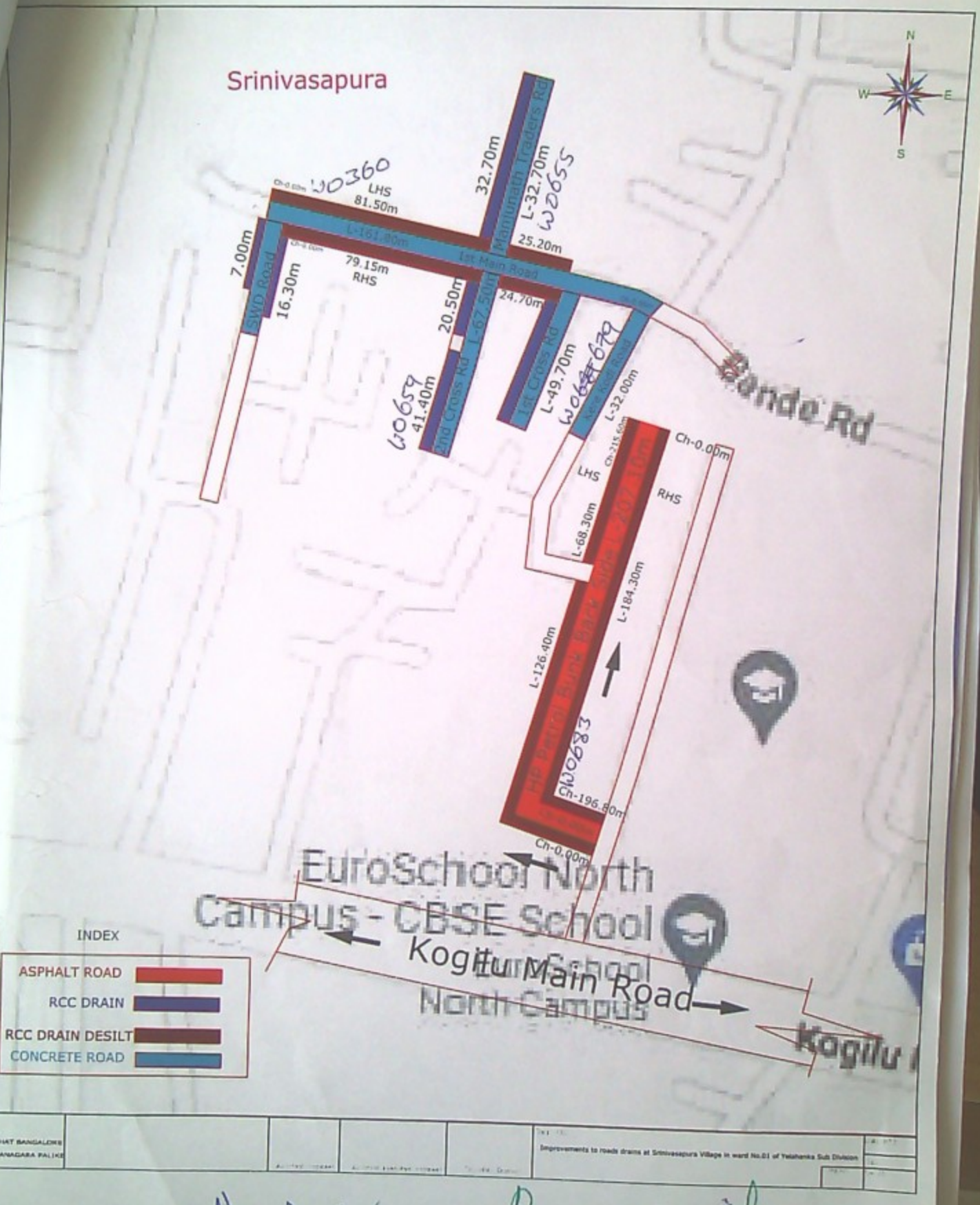
Asst. Exec. Engineer

Ch:21.20m to 25.80m SWD	1	4.60	6.60 + 6.60 / 2	0.12	3.64			
Ch:25.80m to 26.90m	1	1.10	4.00 + 4.00 / 2	0.15	0.66			
Ch:26.90m to 36.90m	1	10.00	5.00 + 5.00 / 2	0.12	6.00			
Ch:36.90m to 51.90m	1	15.00	4.50 + 3.85 / 2	0.12	7.52			
Ch:51.90m to 67.50m	1	15.60	3.85 + 3.60 / 2	0.12	6.97			
					Present Qty	**211.79**	**Cum**	**7474.08**	**1582928.00**
								Sub Total	**8834704.00**
								GST 18%	**1590246.72**
								Grand Total	**10424950.72**

Asst. Executive Engineer
Yelahanka Sub. Divison
(BBMP Ynk. Zn)
Yelahanka, Bangalore

Engineer

Asst. Exec. Engineer


Srinivasapura
N
W
E
S
W0360
LHS
81.50m
32.70m
L-32.70m
W0655
Manjunath Traders Rd
25.20m
7.00m
L-161.80m
1st Main Road
79.15m
RHS
SWD Road
16.30m
20.50m
L-67.50m
24.70m
W0659
41.40m
2nd Cross Rd
1st Cross Rd
L-49.70m
W0679
L-32.00m
Bande Rd
Ch-0.00m
LHS
RHS
L-68.30m
L-184.30m
L-126.40m
W0683
Ch-196.80m
Ch-0.00m
EuroSchool North Campus - CBSE School
Kogilu Main Road
EuroSchool North Campus
Kogilu
INDEX
ASPHALT ROAD
RCC DRAIN
RCC DRAIN DESILT
CONCRETE ROAD
BRUHAT BANGALORE MAHANAGARA PALIKE
Improvements to roads drains at Srinivasepura Village in ward No.01 of Yelahanka Sub Division
Asst. Executive Engineer
Yelahanka Sub D
RBMP Ynk.